IN THE CLAIMS:

Please amend the claims as follows:

(currently amended) An apparatus, comprising:
 an enclosure having a fluid inlet and a fluid outlet in fluid communication with the fluid inlet; and

a channel structure inside the enclosure between the inlet and the outlet defining a plurality of radial flow paths.

wherein an impingement point for cooling fluid in the enclosure is located at a position corresponding to an expected relatively hotter spot of a heat source.

(original) The apparatus of claim 1, wherein the enclosure
 comprises a lid member and a base member, and wherein the channel structure
 comprises:

a plurality of cooling fins disposed between the lid member and the base member, the fins defining a set of channel walls which form radial flow paths from an impingement point radially outward to a perimeter of the enclosure.

3. (original) The apparatus of claim 2, wherein the impingement point is centrally located with respect to the fins.

- 4. (original) The apparatus of claim 2, wherein the impingement point is offset from a central region of the fins.
- 5. (currently amended) The apparatus of claim 2, wherein the impingement point is located at a position corresponding to an expected relatively hotter spot of a heat source channel walls provides a high fluid channel aspect ratio.
- 6. (currently amended) The apparatus of claim 1, wherein an impingement point for cooling fluid in the enclosure is located at a position corresponding to an expected relatively hotter-spot of a heat source the fluid inlet and the fluid outlet are co-located on the enclosure.
- 7. (currently amended) A method, comprising:

 providing an enclosure having a fluid inlet and a fluid outlet in fluid communication with the fluid inlet; and

forming a channel structure inside the enclosure between the inlet and the outlet defining a plurality of radial flow paths; and

locating an impingement point for cooling fluid in the enclosure at a position corresponding to an expected relatively hotter spot of a heat source.

8. (original) The method of claim 7, wherein forming the channel structure comprises:

disposing a plurality of cooling fins disposed between a lid member and a base member, the fins defining a set of channel walls which form radial flow paths from an impingement point radially outward to a perimeter of the enclosure.

- (original) The method of claim 8, further comprising:

 locating the impingement point centrally with respect to the fins.
- (original) The method of claim 8, further comprising:
 offsetting the impingement point from a central region of the fins.
- 11. (currently amended) The method of claim 8, further comprising:

 -locating the impingement point at a position corresponding to an expected relatively hotter spot of a heat source

 wherein the channel walls provides a high fluid channel aspect

12. (currently amended) The method of claim 7, further comprising:

locating an impingement point for cooling fluid in the enclosure at a position corresponding to an expected relatively hotter spot of a heat source

co-locating the fluid inlet and the fluid outlet on the enclosure.

P15278

ratio.

13. (currently amended) A system, comprising:

an electronic component; and

a cold plate thermally coupled to the electronic component, the cold plate comprising:

an enclosure having a fluid inlet and a fluid outlet in fluid communication with the fluid inlet; and

a channel structure inside the enclosure between the inlet and the outlet defining a plurality of radial flow paths,

wherein an impingement point for cooling fluid in the enclosure is located at a position corresponding to a relatively hotter spot of the electrical component.

- 14. (original) The system of claim 13, wherein the enclosure comprises a lid member and a base member, and wherein the channel structure comprises:
- a plurality of cooling fins disposed between the lid member and the base member, the fins defining a set of channel walls which form radial flow paths from an impingement point radially outward to a perimeter of the enclosure.
- 15. (original) The system of claim 14, wherein the impingement point is centrally located with respect to the fins.

P15278

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Serial No.: 10/822,054

- 16. (original) The system of claim 14, wherein the impingement point is offset from a central region of the fins.
- 17. (currently amended) The system of claim 14, wherein the impingement point is located at a position-corresponding to a relatively hotter spot of the electronic component channel walls provides a high fluid channel aspect ratio.
- 18. (currently amended) The system of claim 13, wherein an impingement point for cooling fluid in the enclosure is located at a position corresponding to a relatively hotter-spot of the electrical component the fluid inlet and the fluid outlet are co-located on the enclosure.
- 19. (original) The system of claim 13, further comprising: a heat dissipation device coupled to the cold plate by a loop of tubing;
 - cooling fluid disposed in the tubing; and a pump adapted to circulate the cooling fluid.
- 20. (original) The system of claim 19, further comprising:

 a fan adapted to provide cooling air to at least one of the heat dissipation device and the cold plate.